

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---|------------------|---------|---------------------|
| L1    | 16796 | ("320").CLAS   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/07/15<br>14:46 |
| L2    | 23    | L1 and ((zener with diode) with (constant with voltage)) same (current with limit\$4 with resistor)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/07/15<br>14:46 |
| S1    | 2     | ("20020161537").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/07/14<br>16:00 |
| S2    | 883   | (320/132).CCLS   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/07/14<br>17:20 |
| S3    | 8     | S2 and impedance and filter and (op\$amp (operational with amplif \$4)) and (convert\$4 A \$1D AC\$1DC)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/07/14<br>17:45 |
| S4    | 1     | ("6842708").PN.  | USPAT; USOCR  | OR               | OFF     | 2008/07/14<br>18:13 |
| S5    | 15    | ("4743831"   "5565759"   "5751217"   "6087808"   "6108579"   "6232750"   "6259232"   "6448743"   "6538449"   "6563318"   "6608469"   "6642719").PN. OR ("6842708").URPN. | US-PGPUB;<br>USPAT; USOCR                                   | OR               | OFF     | 2008/07/14<br>18:14 |
| S6    | 783   | (320/134).CCLS   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/07/14<br>18:14 |
| S7    | 9     | S6 and impedance and filter and (op\$amp (operational with amplif \$4)) and (convert\$4 A \$1D AC\$1DC)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/07/14<br>18:15 |

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| S8  | 9     | S6 and imped\$4 and filter and (op\$amp (operational with amplif\$4)) and (convert\$4 A \$1D AC\$1DC)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>18:16 |
| S9  | 21    | S6 and filter and (op \$amp (operational with amplif\$4)) and (convert \$4 A\$1D AC\$1DC)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>18:38 |
| S10 | 17    | S6 and filter and (op \$amp (operational with amplif\$4)) and (convert \$4 AC\$DC)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>18:40 |
| S11 | 16784 | ("320").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/07/14<br>18:55 |
| S12 | 244   | S11 and filter and (op \$amp (operational with amplif\$4)) and (convert \$4 AC\$DC)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>18:55 |
| S13 | 127   | S11 and filter and (op \$amp (operational with amplif\$4)) and (convert \$4 AC\$DC) and (micro \$processor micro \$computer micro \$computer cpu) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>18:58 |
| S14 | 125   | S13 and (voltage with (monitor\$4 sens\$4 measur\$4 detect\$4))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>19:05 |
| S15 | 25    | S14 and (mux multiplex \$4)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>19:33 |
| S16 | 15    | S14 and diode with (constant with voltage)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/07/14<br>21:24 |
| S17 | 16796 | ("320").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/07/15<br>09:12 |

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| S18 | 228 | S17 and (zener with diode) with (constant with voltage) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/15<br>09:12 |
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7/ 15/ 2008 4:08:12 PM

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